

GenCore version 5.1.3  
Copyright (c) 1993 - 2002 Compugen Ltd.

## OM protein - protein search, using sw model

Run on: November 30, 2002, 12:35:43 ; Search time 8 Seconds  
(without alignments)  
1001.234 Million cell updates/sec

Title: US10-025-514-16  
Perfect score: 2675  
Sequence: MEDPOGDAAQRTDTSHHDQD. . . . . . . RDLFKCCMGMCGKSCVSPYKA 503

Scoring table: BL0SUM62

Gapop 10.0 , Gapext 0.5

Searched: 102317 seqs, 15924203 residues

Total number of hits satisfying chosen parameters: 102317

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published\_Applications\_AA:\*

```
1: /cgn2_6/podata/2/pubpa/us08_new_pub.pep:*
2: /cgn2_6/podata/2/pubpa/us09_new_pub.pep:*
3: /cgn2_6/podata/2/pubpa/us06_new_pub.pep:*
4: /cgn2_6/podata/2/pubpa/us05_new_pub.pep:*
5: /cgn2_6/podata/2/pubpa/us07_new_pub.pep:*
6: /cgn2_6/podata/2/pubpa/pctrus_pubcomb.pep:*
7: /cgn2_6/podata/2/pubpa/pctrus_pubcomb.pep:*
8: /cgn2_6/podata/2/pubpa/us08_pub.pep:*
9: /cgn2_6/podata/2/pubpa/us09_new_pub.pep:*
10: /cgn2_6/podata/2/pubpa/us05_pubcomb.pep:*
11: /cgn2_6/podata/2/pubpa/us10_new_pub.pep:*
12: /cgn2_6/podata/2/pubpa/us10_pubcomb.pep:*
13: /cgn2_6/podata/2/pubpa/us60_new_pub.pep:*
14: /cgn2_6/podata/2/pubpa/us60_pubcomb.pep:*
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1738	65.0	363	10	US-09-755-665-58
2	785	29.3	414	10	US-09-755-665-14
3	785	29.3	414	10	US-09-755-665-55
4	785	29.3	414	10	US-09-755-665-56
5	761	28.4	361	10	US-09-755-665-57
6	749.5	28.0	417	12	US-10-052-586-452
7	748.5	28.0	435	9	US-09-912-628-5
8	638.5	23.9	132	10	US-09-865-812-2
9	544.5	20.4	444	9	US-09-992-598-410
10	544.5	20.4	444	10	US-09-989-724-410
11	544.5	20.4	444	10	US-09-989-723-410
12	544.5	20.4	444	10	US-09-989-729-410
13	544.5	20.4	444	10	US-09-989-727-410
14	544.5	20.4	444	10	US-09-989-731-410
15	544.5	20.4	444	10	US-09-989-732-410
16	544.5	20.4	444	10	US-09-901-073-410
17	544.5	20.4	444	10	US-09-991-042-410
18	544.5	20.4	444	10	US-09-991-163-410
19	544.5	20.4	444	10	US-09-993-604-410

Sequence 410, App

Sequence 410, App

Sequence 6, Appl

Sequence 1440, Ap

Sequence 4, Appl

Sequence 13, Appl

Sequence 486, App

Sequence 2, Appl

Sequence 2, Appl

Sequence 3, Appl

Sequence 3, Appl

Sequence 95, Appl

Sequence 2, Appl

Sequence 110, App

## ALIGNMENTS

```
RESULT 1
US-09-755-665-58
; Sequence 58, Application US/0955665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Taitton, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougal, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09-755-665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 58
; LENGTH: 363
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-665-58
```

Query Match Score 1738; DR 10; Length 363;

Best Local Similarity 92.3%; Pred. No. 9.4e-128; Mismatches 9; Gaps 0;

Matches 335; Conservative 19;

Qy 33 EFAFSLYRQLAHQSNSTNIFSPSYIATFAMISLTGKADTHDEILEGLNFNLTEIPBHQ 92
Db 1 EFAFSLYRQLAHQSNSTNIFSPSYIATFAMISLTGKADTHDEILEGLNFNLTEIPBHQ 60

Qy 93 IHEGFOELLRLNKPDSQLQTENGFLSEGLKLDFKLYHSEAFTFVNFGDTE 152
Db 61 VHEGFOELLRLNKPDSQLQTENGFLNSLKVDKFLDVEYKLVSEAFTFVNFGDTE 120

Qy 153 EAKKINDYVEKSTOGKIVDLYKEFKGWEPFVKDPEEDPHVD 212
Db 121 EAKKINNNYVEKGTVQGKVYDVLKEFDRTDVAFALVNYIFPKGKWERPFEATEBEDPHVD 180

Qy 213 QVTIVKVPMMKRLGMFNIOHCKKLSSWVLLMKLGNTAIFFLPDEGKQHLENELTHDI 272

RESULT 3  
US-09-755-665-55  
; Sequence 55, Application US/09755665  
; Patent No. US20020107186A1  
; GENERAL INFORMATION:  
; APPLICANT: Prayaga, Sudhiradas K.  
; Majumder, Kumud  
; APPLICANT: Tailion, Bruce E.  
; Spaderna, Steven K.  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: Macdougall, John  
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 15966-61  
; CURRENT APPLICATION NUMBER: US/09/755,665  
; CURRENT FILING DATE: 2001-08-14  
; PRIORITY APPLICATION NUMBER: U.S.S.N. 60/174,724  
; PRIORITY FILING DATE: 2000-01-06  
; NUMBER OF SEQ ID NOS: 118  
; SEQ ID NO 55  
; SOFTWARE: PatentIn Ver. 2.1  
; LENGTH: 414  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-755-665-55

Query	Match	Score	DB	Length
	29.3%	785;	10;	414;
	Best Local Similarity	42.7%	Pred.	No. 1.3e-33;
	Matches 155; Conservative	73; Mismatches	Indels	2; Gaps

QY 33 EFAFSLYROLAHOSNSTNINIFSPVSIATAFAMLSLGTKADELEGFLNFLTEPEAQ 92  
Db 54 DLGFKLKLIKFAYNPGRNIFSPLSIATASMLCLGQAQDSTLDEIKQGNFR - KMPEKD 111

QY 93 IHEGFQELLRLTQNQPDSQLQTGNGLFISBGLKLVDKFEDVKLYHSEAFYNGFDTE 152  
Db 112 LHEGFHYTITHELTQTKDQLKSIGNTLFIDORLQPKRFLEDAKNFSYSETLTNFQNLE 171

QY 153 EAKKQINDYVEKGTOQKIVDLYKELDRTDVFAVLNVYIFFGKWERPEFYDTEEDFHVD 212  
Db 172 MAQKQINFISQKTHGKNNLLENIDPGTMILANITYFRARWKHEFDPNVTKEDFFLE 231

QY 213 QVTTVKPDMKRLGMFNHQCKRKLSSWLLMKYLGNTAIFPLPDECKLQHLENELTHDI 272  
Db 232 KNSSVKPDMFRGIYQGYDDKLSTCILEIPYQKNITAIFLPDEGKLKHLEKGQVDT 291

QY 273 ITKFLENEDRSASLHPLKLSITGTDLKSYLQQLGITKVSNGADSGVTEAPLKLK 332  
Db 292 FSWKTLJSRYYDVSPRLHTGTDKLLKSYLIGWSKIEEHGDLTKAPHRSLKVGE 351

QY 333 AVHKAVLTDKGTEAAGMFLAEIPMSIPEVKENFKPFLMONTKSPLFMGKVNP 392  
Db 352 AVHKAEKMDERGTGEGAGTGAQTLPMETPLVVKIDPMLYSEKPSVFLGKIVNP 411

QY 393 TQK 395  
Db 412 IGK 414

RESULT 4  
US-09-755-665-56  
; Sequence 56, Application US/09755665  
; Patent No. US20020107186A1  
; GENERAL INFORMATION:  
; APPLICANT: Prayaga, Sudhiradas K.  
; Majumder, Kumud  
; APPLICANT: Tailion, Bruce E.  
; Spaderna, Steven K.  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: Macdougall, John  
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 15966-631  
; CURRENT APPLICATION NUMBER: US/09/755,665





US-09-912-628-5

PRIOR APPLICATION NUMBER: 60/088876  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089090  
PRIOR FILING DATE: 1998-06-12  
PRIOR APPLICATION NUMBER: 60/089105  
PRIOR FILING DATE: 1998-06-12  
PRIOR APPLICATION NUMBER: 60/089512  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089514  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089538  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089598  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089653  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089908  
Query Match 28.0%; Score 749.5; DB 12; Length 417;  
Best Local Similarity 41.4%; Pred. No. 7.6e-51;  
Matches 159; Conservative 78; Mismatches 136; Indels 11; Gaps 3;

Qy 22 PTENKTPNLT-----AEFAFSLYROLAHSNSTNIFFSPVSIATAFAMLSLGTAKDTH 75  
Db 33 PSSTKSTPASQVSLNTDFAFRLRVLLETSPSNIFFSPVSVTSLAMLSLGHSVTKT 92  
Qy 76 EILEGLNENLTIEPAQIHEGFOELLRLNQPSQLQTGTNGFLSEGLKLVLDKFLEDY 135  
Db 93 QILQGIGFNHTHPEAIIHOFQHHLVHSLTVPSKDLTLKGSAALPSVKT 110  
Qy 136 KKLHSEAFTFVNFGDTEAKQKINDYVEKGTOQKIVDLYKELDRTVFLAVLYNIFFKGW 195  
Db 171 KRLYAEVFSTDESNPSIAQARINSHVKKTPQGVVDIQLGDLLTAMVLYNHFKAKW 230  
Query Match 28.0%; Score 749.5; DB 12; Length 417;  
Best Local Similarity 41.4%; Pred. No. 7.6e-51;  
Matches 159; Conservative 78; Mismatches 136; Indels 11; Gaps 3;

Qy 22 PTENKTPNLT-----AEFAFSLYROLAHSNSTNIFFSPVSIATAFAMLSLGTAKDTH 75  
Db 33 PSSTKSTPASQVSLNTDFAFRLRVLLETSPSNIFFSPVSVTSLAMLSLGHSVTKT 92  
Qy 76 EILEGLNENLTIEPAQIHEGFOELLRLNQPSQLQTGTNGFLSEGLKLVLDKFLEDY 135  
Db 93 QILQGIGFNHTHPEAIIHOFQHHLVHSLTVPSKDLTLKGSAALPSVKT 110  
Qy 136 KKLHSEAFTFVNFGDTEAKQKINDYVEKGTOQKIVDLYKELDRTVFLAVLYNIFFKGW 195  
Db 153 KRLYAEVFSTDESNPSIAQARINSHVKKTPQGVVDIQLGDLLTAMVLYNHFKAKW 212  
Qy 196 ERPEFEVKDTBEE-DFHVDQTTVVKPVMMKRLGMENIQHCKKLSSWLLMKYLNATAIFF 254  
Db 213 EKPFLHETRKNFPLFLYGEQVTVQYPMMHQKEPAFGYDTELNCFLQNDYKGDAFFV 272  
Qy 255 LPDEGKQHLENELTHDITKFLNEEDRSASLHLPKLISITGTWDLKSVLQGLDTKVES 314  
Db 273 LPSKGKMRQLEQALSAARTLWKWSLQRKWEIIPRESISASVNLTLPKAGCIONAFD 332  
Qy 315 NGADLSGVTTEAPLKLSKAVHKTIDEKGTEAAGMFLEATMSIPP---EVKENKP 370  
Db 333 KNADESGTAKRDLSQVSQSKATHKAVLDSECTEATATTKFTVRSKDGSYFTFSNRT 410  
Qy 371 FVFLMIEQNTKSPLFMGKVYNPTQ 394  
Db 411 FLMMITNKATDGILFLGKVENPTK 434  
RESULT 8  
US-09-865-812-2  
; Sequence 2, Application US/09865812  
; Patent No. US20020115626A1  
; GENERAL INFORMATION:  
; APPLICANT: Rastelli, Luca  
; INVENTION: Method of Detecting Inflammatory Lung Disorders  
; FILE REFERENCE: 21402-018 US  
; CURRENT APPLICATION NUMBER: US/09/865,812  
; CURRENT FILING DATE: 2001-05-28  
; PRIOR APPLICATION NUMBER: 6/207,104  
; PRIOR FILING DATE: 2000-05-25  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 132  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-865-812-2

Query Match 23.9%; Score 638.5; DB 10; Length 132;  
Best Local Similarity 84.2%; Pred. No. 6.8e-43;  
Matches 112; Conservative 28; Mismatches 9; Indels 7; Gaps 1;

Qy 371 FVFLMIEQNTKSPLFMGKVYNPTQ 394  
Db 7 FPEFLV-----LAALGTLPAWAVEGSGKSEKAGYCPKPKSAQCLRYKPECSDWQCPG 430  
Qy 431 KKRCGPDTGGKCLDPDVDTNPTRRKPGKCPVTVQCLMNPNCDEMDDGCKRDJKCCM 490  
Db 60 KKRCGPDTGGKCLDPDVDTNPTRRKPGKCPVTVQCLMNPNCDEMDDGCKRDJKCCM 119  
Qy 491 GMCGKSCVSPVKA 503  
Db 120 GMCGKSCVSPVKA 132

RESULT 7  
US-09-912-628-5  
; Sequence 5, Application US/09912628  
; Patent No. US20020160491A1  
; GENERAL INFORMATION:  
; APPLICANT: Ni et al.  
; TITLE OF INVENTION: Human Serpin Polynucleotides, Polypeptides, and Antibodies  
; FILE REFERENCE: PTO01P2  
; CURRENT APPLICATION NUMBER: US/09/912,628  
; PRIOR APPLICATION NUMBER: PCT/US01/02484  
; PRIOR FILING DATE: 2001-01-26  
; PRIOR APPLICATION NUMBER: 60/178,769  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR FILING DATE: 2000-02-29  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 435  
; TYPE: PRT  
; ORGANISM: Homo sapiens

RESULT 9

US-09-992-598-410

Sequence 410, Application US/09992598

Patent No. US20020160384A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Klijavins, Ivar J.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paon, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Collin K.

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

APPLICANT: Zhang, Zhenlin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2730P1C20

CURRENT APPLICATION NUMBER: US/09/992,598

CURRENT FILING DATE: 2001-11-14

PRIOR APPLICATION NUMBER: 60/049787

PRIOR FILING DATE: 1997-06-16

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-12

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066770

PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/075945

PRIOR FILING DATE: 1998-02-25

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-08

PRIOR APPLICATION NUMBER: 60/084600

PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/087609

PRIOR FILING DATE: 1998-06-02

PRIOR APPLICATION NUMBER: 60/088021

PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088025

PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088026

PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088028

PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088029

PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088030

---

; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088033  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088326  
 ; PRIOR FILING DATE: 1998-06-14  
 ; PRIOR APPLICATION NUMBER: 60/088167  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088202  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088212  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088217  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088655  
 ; PRIOR FILING DATE: 1998-06-09  
 ; PRIOR APPLICATION NUMBER: 60/088734  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088738  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088742  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088810  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088824  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088826  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088858  
 ; PRIOR FILING DATE: 1998-06-11  
 ; PRIOR APPLICATION NUMBER: 60/088861  
 ; PRIOR FILING DATE: 1998-06-11  
 ; PRIOR APPLICATION NUMBER: 60/088876  
 ; PRIOR FILING DATE: 1998-06-11  
 ; PRIOR APPLICATION NUMBER: 60/089105  
 ; PRIOR FILING DATE: 1998-06-12  
 ; PRIOR APPLICATION NUMBER: 60/089440  
 ; PRIOR FILING DATE: 1998-06-16  
 ; PRIOR APPLICATION NUMBER: 60/089512  
 ; PRIOR FILING DATE: 1998-06-16  
 ; PRIOR APPLICATION NUMBER: 60/089514  
 ; PRIOR FILING DATE: 1998-06-16  
 ; PRIOR APPLICATION NUMBER: 60/089532  
 ; PRIOR FILING DATE: 1998-06-17  
 ; PRIOR APPLICATION NUMBER: 60/089538  
 ; PRIOR FILING DATE: 1998-06-17  
 ; PRIOR APPLICATION NUMBER: 60/089539  
 ; PRIOR FILING DATE: 1998-06-17  
 ; PRIOR APPLICATION NUMBER: 60/089538  
 ; PRIOR FILING DATE: 1998-06-17  
 ; PRIOR APPLICATION NUMBER: 60/089552  
 ; PRIOR FILING DATE: 1998-06-17  
 ; PRIOR APPLICATION NUMBER: 60/089801  
 ; PRIOR FILING DATE: 1998-06-18  
 ; PRIOR APPLICATION NUMBER: 60/089600  
 ; PRIOR FILING DATE: 1998-06-17  
 ; PRIOR APPLICATION NUMBER: 60/089907  
 ; PRIOR FILING DATE: 1998-06-18  
 ; PRIOR APPLICATION NUMBER: 60/089908  
 ; PRIOR FILING DATE: 1998-06-18  
 ; PRIOR APPLICATION NUMBER: 60/089947  
 ; PRIOR FILING DATE: 1998-06-19  
 ; PRIOR APPLICATION NUMBER: 60/090252  
 ; PRIOR FILING DATE: 1998-06-22  
 ; PRIOR APPLICATION NUMBER: 60/090254  
 ; PRIOR FILING DATE: 1998-06-22  
 ; PRIOR APPLICATION NUMBER: 60/090349  
 ; PRIOR FILING DATE: 1998-06-23

PRIOR APPLICATION NUMBER: 60/090355  
 PRIOR FILING DATE: 1998-06-23  
 PRIOR APPLICATION NUMBER: 60/090429  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090431  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090435  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090444  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090445  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090472  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090535  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090540  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090542  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090557  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090576  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090678  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090690  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090694  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090695  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090696  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090852  
 PRIOR FILING DATE: 1998-06-26  
 PRIOR APPLICATION NUMBER: 60/090863  
 PRIOR FILING DATE: 1998-06-26  
 PRIOR APPLICATION NUMBER: 60/091360  
 PRIOR FILING DATE: 1998-07-01  
 PRIOR APPLICATION NUMBER: 60/091478  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091544  
 PRIOR FILING DATE: 1998-07-01  
 PRIOR APPLICATION NUMBER: 60/091519  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091626  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091633  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091978  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 20.4%; Score 544.5; DB 9; Length 44;  
 Best Local Similarity 32.4%; Pred. No. 7.1e-35;  
 Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

Qy 2 EDPQGDAAQKTDTSHHDDQDHTENKTIPNLAEEAFASLYROLAHOSENSTNFFSPVSIATA 61  
 Db 50 EDEQESEKAGEEKAWLMASRQLAKETSNFGSLLRISMRHDG - NWVFSPGMSIA 108

Qy 62 FAMLSLGTKADTHDETLGFLNFN-LTEIPEAQIHGEQELRLTNQPSQLQTGNGLF 120  
 Db 109 MTGLMIGATGTQIKRGHLQAKPTKGLLPKGLKGIRELTSR-NLNLGSQGSFAF 167

Qy 121 LSEGKLVDKFLEDVKKLHSEAFVNNGTTEAARKQINQYVEGTQGKVVDLYKELDRD 180  
 Db 168 IHKDFDYKEFFNLSKRYFTECVPMNFRMASQAKLMNHYINKETRGKPKLFEINPE 227

Qy 181 TVFALVNYIFFKGKNERPFEVKDTEEDFHVDQYTIVKYPMMKKRLGMFNQHQCKKLSSMV 240  
 Db 228 TRKLILVDYLIFPGKWNTPDDEVFTEDTFELDKVKTICKPMYAGKFASTFDNRCHV 287

Qy 241 LLMKYIGNATAIFFLEDE -GKLOHLENELTHDITKFLMEDRSASSAHLPLKLSITGTYD 299  
 Db 288 LKLPGQNTMLVLMKMDHLALEDYLTTDLYETWLNMKTRNMNEVFPKFKLQRYE 347

Qy 300 LKSVLGQOLGITKVSIGADISGVTEA -PKLSKRAVHLTIDEKGTAAGAMFLEATP 358  
 Db 348 MHELLFQMGIIRRIFSPFADISELSATGRNLQSVRLRVIVDERGTEAVAGILSEITA 407

Qy 359 MSIPPEVKENPKPEVFLMIEQNTKSPLLEMGRVYVNPT 393  
 Db 408 YSMPPVIKVRDPFHMIYEETSGMFLGLGRVNPT 442

RESULT 10  
 US-09-989-722-410  
 Sequence 410, Application US/09989722  
 ; General INFORMATION:  
 ; Patent No. US20020072067A1  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Bader, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleonne  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kliajvin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paon, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; Title of INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; Acid Encoding the Same  
 ; File Reference: P27301C163  
 ; Current Application Number: US/09/989,722  
 ; Prior Application Number: 60/049787  
 ; Prior Filing Date: 1997-06-16  
 ; Prior Application Number: 60/062250  
 ; Prior Filing Date: 1997-10-17  
 ; Prior Application Number: 60/065186  
 ; Prior Filing Date: 1997-11-12  
 ; Prior Application Number: 60/065311  
 ; Prior Filing Date: 1997-11-13  
 ; Prior Application Number: 60/066770  
 ; Prior Filing Date: 1997-11-24  
 ; Prior Application Number: 60/075945  
 ; Prior Filing Date: 1998-02-25  
 ; Prior Application Number: 60/078910  
 ; Prior Filing Date: 1998-03-20  
 ; Prior Application Number: 60/083322  
 ; Prior Filing Date: 1998-04-28  
 ; Prior Application Number: 60/084600  
 ; Prior Filing Date: 1998-05-07  
 ; Prior Application Number: 60/087106  
 ; Prior Filing Date: 1998-05-28  
 ; Prior Application Number: 60/087607  
 ; Prior Filing Date: 1998-06-02

; PRIOR APPLICATION NUMBER: 60/087609  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087759  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087827  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: 60/088021  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088025  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088026  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088028  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088029  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088030  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088033  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088026  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088167  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088202  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088326  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088217  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088655  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088212  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088217  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088655  
; PRIOR FILING DATE: 1998-06-09  
; PRIOR APPLICATION NUMBER: 60/088212  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088738  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088742  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088810  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088824  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088826  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088858  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/088861  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/088876  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089105  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089440  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089512  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089514  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089598  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089599  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089600  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089653  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089801  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089907

Query Match 20.4%; Score 544.5; DB 10; Length 44;  
 Best Local Similarity 32.4%; Pred. No. 7, 1e-35;  
 Matches 188; Conservative 85; Mismatches 5; Gaps 5;

---

Qy 2 EDPGDAAQKTDTSHHDDQHPTFNKITPNLAEFAFSLYQLAHQSNTNIFSPSPSIATA 61  
 Db 50 EDEQEASBEKAGEEEKAWLMASRQLAKETSNFGSLLRKLSMRHD-NMVEFSPFGMSLA 108

Qy 62 FAMSLGLTKADTDEILEGLNFN-LTEPAQI.THEGQELRTLNQDSDQQLTGNGLF 120  
 Db 109 MTGIMLGMATGPTETQIKRGHLQALKPTKGPGLLPSFKGLRETLSR-NLEGLSQGSFAF 167

Qy 121 LSEGSLKLVDKFLEDVKLHYHSEAFTYVNGFDTTEAKKOINDYVEKGSTQKVIVDLYKELDRD 180  
 Db 168 IHRDFDVKEETFFNLSKRYFDTCEVPMNFRNAQAKRMNHYTINKERGKIPKLFDEINPE 227

Qy 181 TVFALVNNTFFGKSWERPEVKDTEEDFHYSQVTIVKVPMMKRLGMENIOHCKKLSSWY 240  
 Db 228 TKLILVDYLFLFKGKWLTFPDPVETDFTFLDKYKTKVPMNYGACKFASTFDKNFRCHY 287

Qy 241 LLMKYLGHTAIAFFLPDE-GKLOHLENBLTHDLITKEFLENEDRSASLHLPKLSTGTYD 299  
 Db 288 LKLPYQGNATMLVLMERGMGDHALEYLTDLVETWLRNMKTRNMEVFFPKFKLDQYE 347

Qy 300 LKSVLGLQJISTYVNSGNGLSVYTEA-PLKUSKAVHKAVLTIDEKGTEAGAMFLEAIP 358  
 Db 348 MHEILRQMGIRRFSPPFADLSATSGRNQSVRLRRTIEVDERGTEAVAGILSEITA 407

Qy 359 MSIPPEVKFNKPFPVFLMTQNTKSPLFMGKVYNPT 393  
 Db 408 YSMRPPVIKVDRPFHMIVETSQMLLFLGRVYNPT 442

RESULT 11  
 US-10-981-723-410  
 ; Sequence 410, Application US/09989723  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Boisstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspetter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kijaviv, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730PIC62  
 ; CURRENT APPLICATION NUMBER: US/09/989,723  
 ; CURRENT FILING DATE: 2001-11-19  
 ; PRIOR APPLICATION NUMBER: 60/049,787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/065186  
 ; PRIOR FILING DATE: 1998-06-16

```

; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR APPLICATION NUMBER: 60/089516
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
;
```

```

; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 20.4%; Score 544.5%; DB 10; Length 444;
Best Local Similarity 32.4%; Pred. No. 7.1e-35;
Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

Qy 2 EDPQDAAQKTDTSHDQDHTPKITPNLNEFAFSLYRQLAHQSNTNIFSPSPVSIATA 61
Db 50 EDEQEASEEKAEGEEKEAWLMSRQLAKETSNGFSUULKTSMRHIDG-NMVYFSPFGMSLA 108
Qy 62 FAMLSLGTKADTHDEILEGLNFN-LTEBIAEQATHEGFQELLRLTNPQDQLQTGNGLF 120
Qy 109 MTGLMLGATGTPETPIQRGLHLQALKPTKGPLSLFKGLRETLSR-NLEGLSGQSFAF 167
Db 121 LSEGKLKVWKFLEDVKLYHSEAFTYNGDTEAKKOINDYVEKGTOQKIVDLYKELRD 180
Qy 168 IRKDFDYKETEFFNLSKYFDTDCVPMFNRNSAQAKRMHNHYTKEPRGKPKLPFLDINPE 227
Qy 181 TYPALVNWIFFKGKWERPEFYKDTEEDHYDQVTIVKVPMMKRLGMENIQHCKKLSSWV 240
Db 228 TKLJLVDYIILFGKWLTPFDPYFTEVDFHLDKYKTKVPMYACKFASTFDKNFRCHV 287
Qy 241 LLMRKLGNATAISSLPDDB-GKUQHLENELTHDILTEPLENDDRSASLHLPKLSFTGYD 299
Db 288 LKLPYQGNATMVLVLMEMKGMDHIALEDYLTDLVENVLRNMKTRNMEFFKFKDQYKE 347
Qy 300 LKSVLGOLGITVFSNGADSGVTEEA-PKLUSKAVHKAVLTIDEKGTEARGMLEAIP 358
Db 348 MHELLRONGIRRIFFSPPADLSELSATGRNLQSVRLRTVIEVDERGEAVAGILSETA 407
;
```

RESULT 1.2  
US-09-939-279-410  
Sequence 410, Application US/09989279  
; GENERAL INFORMATION:  
; APPPLICANT: Ashkenazi, Avi J.  
; APPPLICANT: Baker, Kevin P.  
; APPPLICANT: Botstein, David  
; APPPLICANT: Desnoyers, Luc  
; APPPLICANT: Eaton, Dan L.  
; APPPLICANT: Ferrara, Napoleone  
; APPPLICANT: Fong, Sherman  
; APPPLICANT: Gerber, Hans Peter  
; APPPLICANT: Gerritsen, Mary E.  
; APPPLICANT: Goddard, Audrey  
; APPPLICANT: Gooskens, Paul J.  
; APPPLICANT: Grimaldi, J. Christopher  
; APPPLICANT: Gunney, Austin L.  
; APPPLICANT: Kijavin, Ivar J.  
; APPPLICANT: Naper, Mary A.  
; APPPLICANT: Pan, James  
; APPPLICANT: Paoni, Nicholas F.

```

; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC56
; CURRENT APPLICATION NUMBER: US/09/989,279
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087669
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088036
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088038
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088039
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088040
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810

; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088828
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090536
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24

```

PRIOR APPLICATION NUMBER: 60/090676  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090678  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090690  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090697  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090698  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091626  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 20.4% Score 544.5; DB 10; Length 444;  
Best Local Similarity 32.4%; Prc. No. 7.1e-19  
Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

Qy 2 EDPOODAQTDTSHDQHPTFKITNLAEPAFSLYRQLAHQSNTNIFPSPVSIATA 61  
Db 50 EDEQEASEEKAGEEEKAHLMASRQLAKETSNGFSLURKISMRHDG-NMVSPPFGMSLA 108  
Qy 62 FAMLSLGTKADTHDEITLEGINFN-LTEIPEAQIHEGFOBLRLTNQPDQL-TGNGLF 120  
Db 109 MTGLMLGAGTGTETQIKRGHLQALKPKPGCLLPSFLKGRLTLSR-NLEGLSQSFAF 167  
Qy 121 LSEGKLKVDFKLEDVKLYHSEATFTVNGDTEAKKOINDYVEKGTOGKIVDLYKELDRD 180  
Db 168 HKDGDVKETFNLSKRYDTECPMNRNASOAKRMLHYTKRTRGKIPPLEDFEINPE 227  
Qy 181 TTFALVNYIFFKGKWERPPEVKDTEEDHVQDVTTFVPMKGRGMNIIQHCKLSSW 240  
Db 228 TKLIVDYLFLKGKWLTPDPVFEVDFFHLKYKTIVPMYAGKRFASTFDKNFRCHV 287  
Qy 241 LLMKLYGNATAIFFLPDE-GKLQHLENELTDITKFLENEDRSASLHLPKLSITSTYD 299  
Db 288 LKLPYQGNATMVLVIMKGDHIALEDITLTDITETWRNMKTRMNEYFFPFKLDKYE 347  
Qy 300 IKSVLGQLGTTKVESNGADLSGYTEEA-PLKLSKAVHKAVLTIDEKGTEAAGSAMFLEAIP 358  
Db 348 MHELLRMQMGTRIFSPFADLSLSATGRNLQSVSVLRTVIVEVDERGTEAVAGILSEITA 407  
Qy 359 MSIPPVAKVFKNPFPMLIONTKSPFLMGKVNFT 393  
Db 408 YSMPPVTKVDRPFHEMIYESTSGMFLIGRVNET 442

RESULT 13  
US-09-989-727-410  
; Sequence 410, Application US/09989727  
; Patent No. US20020072437A1  
; GENERAL INFORMATION:

PRIOR APPLICATION NUMBER: 60/088167  
 / PRIOR FILING DATE: 1998-06-05  
 / PRIOR APPLICATION NUMBER: 60/088202  
 / PRIOR FILING DATE: 1998-06-05  
 / PRIOR APPLICATION NUMBER: 60/088212  
 / PRIOR FILING DATE: 1998-06-05  
 / PRIOR APPLICATION NUMBER: 60/088217  
 / PRIOR FILING DATE: 1998-06-05  
 / PRIOR APPLICATION NUMBER: 60/088655  
 / PRIOR FILING DATE: 1998-06-09  
 / PRIOR APPLICATION NUMBER: 60/088734  
 / PRIOR FILING DATE: 1998-06-10  
 / PRIOR APPLICATION NUMBER: 60/088738  
 / PRIOR FILING DATE: 1998-06-10  
 / PRIOR APPLICATION NUMBER: 60/088742  
 / PRIOR FILING DATE: 1998-06-10  
 / PRIOR APPLICATION NUMBER: 60/088810  
 / PRIOR FILING DATE: 1998-06-10  
 / PRIOR APPLICATION NUMBER: 60/088824  
 / PRIOR FILING DATE: 1998-06-10  
 / PRIOR APPLICATION NUMBER: 60/088826  
 / PRIOR FILING DATE: 1998-06-10  
 / PRIOR APPLICATION NUMBER: 60/088858  
 / PRIOR FILING DATE: 1998-06-11  
 / PRIOR APPLICATION NUMBER: 60/088861  
 / PRIOR FILING DATE: 1998-06-11  
 / PRIOR APPLICATION NUMBER: 60/088861  
 / PRIOR FILING DATE: 1998-06-11  
 / PRIOR APPLICATION NUMBER: 60/088876  
 / PRIOR FILING DATE: 1998-06-11  
 / PRIOR APPLICATION NUMBER: 60/089105  
 / PRIOR FILING DATE: 1998-06-12  
 / PRIOR APPLICATION NUMBER: 60/089440  
 / PRIOR FILING DATE: 1998-06-12  
 / PRIOR APPLICATION NUMBER: 60/089512  
 / PRIOR FILING DATE: 1998-06-16  
 / PRIOR APPLICATION NUMBER: 60/089514  
 / PRIOR FILING DATE: 1998-06-16  
 / PRIOR APPLICATION NUMBER: 60/089532  
 / PRIOR FILING DATE: 1998-06-16  
 / PRIOR APPLICATION NUMBER: 60/089538  
 / PRIOR FILING DATE: 1998-06-17  
 / PRIOR APPLICATION NUMBER: 60/089598  
 / PRIOR FILING DATE: 1998-06-17  
 / PRIOR APPLICATION NUMBER: 60/089599  
 / PRIOR FILING DATE: 1998-06-17  
 / PRIOR APPLICATION NUMBER: 60/089600  
 / PRIOR FILING DATE: 1998-06-17  
 / PRIOR APPLICATION NUMBER: 60/089653  
 / PRIOR FILING DATE: 1998-06-17  
 / PRIOR APPLICATION NUMBER: 60/089801  
 / PRIOR FILING DATE: 1998-06-18  
 / PRIOR APPLICATION NUMBER: 60/089907  
 / PRIOR FILING DATE: 1998-06-18  
 / PRIOR APPLICATION NUMBER: 60/089908  
 / PRIOR FILING DATE: 1998-06-18  
 / PRIOR APPLICATION NUMBER: 60/089947  
 / PRIOR FILING DATE: 1998-06-19  
 / PRIOR APPLICATION NUMBER: 60/089948  
 / PRIOR FILING DATE: 1998-06-19  
 / PRIOR APPLICATION NUMBER: 60/090254  
 / PRIOR FILING DATE: 1998-06-22  
 / PRIOR APPLICATION NUMBER: 60/090349  
 / PRIOR FILING DATE: 1998-06-23  
 / PRIOR APPLICATION NUMBER: 60/090355  
 / PRIOR FILING DATE: 1998-06-23  
 / PRIOR APPLICATION NUMBER: 60/090429  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090431

PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090435  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090444  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090445  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090472  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090535  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090540  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090542  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090557  
 / PRIOR FILING DATE: 1998-06-24  
 / PRIOR APPLICATION NUMBER: 60/090676  
 / PRIOR FILING DATE: 1998-06-25  
 / PRIOR APPLICATION NUMBER: 60/090678  
 / PRIOR FILING DATE: 1998-06-25  
 / PRIOR APPLICATION NUMBER: 60/090690  
 / PRIOR FILING DATE: 1998-06-25  
 / PRIOR APPLICATION NUMBER: 60/090694  
 / PRIOR FILING DATE: 1998-06-25  
 / PRIOR APPLICATION NUMBER: 60/090695  
 / PRIOR FILING DATE: 1998-06-25  
 / PRIOR APPLICATION NUMBER: 60/090696  
 / PRIOR FILING DATE: 1998-06-25  
 / PRIOR APPLICATION NUMBER: 60/090862  
 / PRIOR FILING DATE: 1998-06-26  
 / PRIOR APPLICATION NUMBER: 60/090863  
 / PRIOR FILING DATE: 1998-06-26  
 / PRIOR APPLICATION NUMBER: 60/091360  
 / PRIOR FILING DATE: 1998-07-01  
 / PRIOR APPLICATION NUMBER: 60/091478  
 / PRIOR FILING DATE: 1998-07-02  
 / PRIOR APPLICATION NUMBER: 60/091544  
 / PRIOR FILING DATE: 1998-07-01  
 / PRIOR APPLICATION NUMBER: 60/091519  
 / PRIOR FILING DATE: 1998-07-02  
 / PRIOR APPLICATION NUMBER: 60/091626  
 / PRIOR FILING DATE: 1998-07-02  
 / PRIOR APPLICATION NUMBER: 60/091633  
 / PRIOR FILING DATE: 1998-07-02  
 / PRIOR APPLICATION NUMBER: 60/091978  
 / PRIOR FILING DATE: 1998-07-07  
 / PRIOR APPLICATION NUMBER: 60/091982  
 / PRIOR FILING DATE: 1998-07-07  
 / PRIOR APPLICATION NUMBER: 60/092182  
 / PRIOR FILING DATE: 1998-07-09

Query Match 20.4%; Score 544.5; DB 10; Length 444;  
 Best Local Similarity 32.4%; Pred. No. 7.1e-35;  
 Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

Qy	2 EDPGDAOKTDSTHDDHPTENKTPNLAEEFSLYROLAHSNSTNFFSPVSIATA 61
Db	50 LSEGKLVDKFLEDYKLYHSEAFVINFQDTEAKKQINDYVEKGTKVTDLVKELDRD 180
Qy	62 FAMILSGTKADTHDELEGGLNFN-LTEIPRAQIHEGGFOELLRTLNQPSOLQTTGGNGLF 120
Db	109 MTGLMAGATGTETOKRGHHLQALKPTKPGLLPSLFGIRETUSR-NIEGLSOSGPFAF 167
Qy	121 LSEGKLVDKFLEDYKLYHSEAFVINFQDTEAKKQINDYVEKGTKVTDLVKELDRD 180
Db	168 IHKDFPVKEYEFLNSKRYFDTCEVPMINFRASAOKRMNHYINKETRGKPKLFDENPE 227
Qy	181 TYFALVNYIFFKGWNRPEFYKDTEEDPHDVQTVKVPMMKRLGMFTQHCKKLSSNV 240
Db	228 TKLILDYIIFKGKWLTPDEDFVTEVDTEHDKTKTIVPMYGAJKFASTFDKNFRCHV 287
Qy	241 LLMKYGNATAIFFLDE-GKLOHLENELTHDITKLENEDERRSSAHLPLKLSITGTYD 299

RESULT 14  
 US 09-989-731-410  
 Sequence 410, Application US/09989731  
 Patent No. US20020103125A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyer, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Geritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J Christopher  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Klijavin, Ivar J.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P2730PIC70

CURRENT APPLICATION NUMBER: US/09/989,731

CURRENT FILING DATE: 2001-11-20

PRIOR APPLICATION NUMBER: 60/049787

PRIOR FILING DATE: 1997-06-16

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-12

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066770

PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/075945

PRIOR FILING DATE: 1998-02-25

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICATION NUMBER: 60/084600

PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/087106

PRIOR FILING DATE: 1998-05-28

PRIOR APPLICATION NUMBER: 60/087607

PRIOR APPLICATION NUMBER: 60/087609

PRIOR APPLICATION NUMBER: 60/087759

PRIOR FILING DATE: 1998-06-02

PRIOR APPLICATION NUMBER: 60/089908

PRIOR APPLICATION NUMBER: 60/089947

PRIOR FILING DATE: 1998-06-19

PRIOR FILING DATE: 1998-06-03  
 PRIOR APPLICATION NUMBER: 60/088021  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088025  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088026  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088028  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088029  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088030  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088033  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088326  
 PRIOR FILING DATE: 1998-06-04  
 PRIOR APPLICATION NUMBER: 60/088167  
 PRIOR FILING DATE: 1998-06-05  
 PRIOR APPLICATION NUMBER: 60/088202  
 PRIOR FILING DATE: 1998-06-05  
 PRIOR APPLICATION NUMBER: 60/088212  
 PRIOR FILING DATE: 1998-06-05  
 PRIOR APPLICATION NUMBER: 60/088217  
 PRIOR FILING DATE: 1998-06-05  
 PRIOR APPLICATION NUMBER: 60/088555  
 PRIOR FILING DATE: 1998-06-09  
 PRIOR APPLICATION NUMBER: 60/088734  
 PRIOR FILING DATE: 1998-06-10  
 PRIOR APPLICATION NUMBER: 60/088738  
 PRIOR FILING DATE: 1998-06-10  
 PRIOR APPLICATION NUMBER: 60/088826  
 PRIOR FILING DATE: 1998-06-10  
 PRIOR APPLICATION NUMBER: 60/088810  
 PRIOR FILING DATE: 1998-06-10  
 PRIOR APPLICATION NUMBER: 60/088824  
 PRIOR FILING DATE: 1998-06-10  
 PRIOR APPLICATION NUMBER: 60/088826  
 PRIOR FILING DATE: 1998-06-10  
 PRIOR APPLICATION NUMBER: 60/088876  
 PRIOR FILING DATE: 1998-06-11  
 PRIOR APPLICATION NUMBER: 60/088891  
 PRIOR FILING DATE: 1998-06-11  
 PRIOR APPLICATION NUMBER: 60/088891  
 PRIOR FILING DATE: 1998-06-11  
 PRIOR APPLICATION NUMBER: 60/088915  
 PRIOR FILING DATE: 1998-06-12  
 PRIOR APPLICATION NUMBER: 60/089440  
 PRIOR FILING DATE: 1998-06-16  
 PRIOR APPLICATION NUMBER: 60/089512  
 PRIOR FILING DATE: 1998-06-16  
 PRIOR APPLICATION NUMBER: 60/089514  
 PRIOR FILING DATE: 1998-06-16  
 PRIOR APPLICATION NUMBER: 60/089522  
 PRIOR FILING DATE: 1998-06-17  
 PRIOR APPLICATION NUMBER: 60/089558  
 PRIOR FILING DATE: 1998-06-17  
 PRIOR APPLICATION NUMBER: 60/089598  
 PRIOR FILING DATE: 1998-06-17  
 PRIOR APPLICATION NUMBER: 60/089599  
 PRIOR FILING DATE: 1998-06-18  
 PRIOR APPLICATION NUMBER: 60/089907  
 PRIOR FILING DATE: 1998-06-18  
 PRIOR APPLICATION NUMBER: 60/089908  
 PRIOR FILING DATE: 1998-06-18  
 PRIOR APPLICATION NUMBER: 60/089947

PRIOR APPLICATION NUMBER: 60/089948  
 PRIOR FILING DATE: 1998-06-19  
 PRIOR APPLICATION NUMBER: 60/089952  
 PRIOR FILING DATE: 1998-06-19  
 PRIOR APPLICATION NUMBER: 60/090246  
 PRIOR FILING DATE: 1998-06-22  
 PRIOR APPLICATION NUMBER: 60/090252  
 PRIOR FILING DATE: 1998-06-22  
 PRIOR APPLICATION NUMBER: 60/090254  
 PRIOR FILING DATE: 1998-06-22  
 PRIOR APPLICATION NUMBER: 60/090349  
 PRIOR FILING DATE: 1998-06-23  
 PRIOR APPLICATION NUMBER: 60/090355  
 PRIOR FILING DATE: 1998-06-23  
 PRIOR APPLICATION NUMBER: 60/090429  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090431  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090435  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090444  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090445  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090472  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090535  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090540  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090542  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090557  
 PRIOR FILING DATE: 1998-06-24  
 PRIOR APPLICATION NUMBER: 60/090676  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090678  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090690  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090694  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090695  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090696  
 PRIOR FILING DATE: 1998-06-25  
 PRIOR APPLICATION NUMBER: 60/090862  
 PRIOR FILING DATE: 1998-06-26  
 PRIOR APPLICATION NUMBER: 60/090863  
 PRIOR FILING DATE: 1998-06-26  
 PRIOR APPLICATION NUMBER: 60/091360  
 PRIOR FILING DATE: 1998-07-01  
 PRIOR APPLICATION NUMBER: 60/091478  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091633  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091978  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match Score 544.5; DB 10; Length 444;  
 Best Local Similarity 32.4%; Pred. No. 7.1e-35;  
 Matches 128; Conservative 85; Mismatches 177; Index 5; Caps 5;

Qy 2 EDPGGDAAQKTDTSHHQDHPFTNKTPNLAEEFASLYROLAHOSNSTNIFSPVSIATA 61  
 Db 50 EDEQESEERAEFFKAWLMASRQLAKETSNEFGSLLKISMHDG-RMVFSPGMIA 108  
 Qy 62 FAMLSLTGKADTHDEILEGLFN-LTEIPEAQIHEGFOELLRTLNQPDSQLQTGNGLF 120  
 Db 109 MTGLMUGATGPTETQIKRGHLQALKPTKGLLPFLKGRLRETLSR-NIELGLUSQGSFAF 167  
 Qy 121 LSEGKLIVDKLEDKVLYHSEAFTVWFGDTEAKQKINDYVEKGTKIVDLYKELBDRD 180  
 Db 168 IHKDFPVKEFFENLSSRYFOTECVPMNFRASQAOKRLMHYINKETRGKPKLEDFINPE 227  
 Qy 181 TVPALVNYIFFKGKWRPERVKDTEEDHVQTTVKPMMKRUGMNTQHCKKLSSWV 240  
 Db 228 TKLILDVYILFKGWNLTPDPVETEVDTFLDKYKTKPMMAGSKFASTEKRNPERHV 287  
 Qy 241 LLMKLYGNATAIFFLPDE-GKLOHNLNETHDLITTKFLNEEDRSLHLPKLSITGTYD 299  
 Db 288 LKLPLPGNATMLVLMEMDHALADEYLTDLVETLWNRMKTRMNEVFPKFKLQDQVE 347  
 Qy 300 LKSVLQGLGITKVESNAGADLSGVTEA-PBKLSKAVKAVLTIDEKGTTEAGAMFLAIP 358  
 Db 348 MHELIQMGMTTIRRFSPADSELSELSATGRNIQVSRLRVIEVDERGTAVAGILSETIA 407  
 Qy 359 MSIPPEVKENKPFVFLMIEONTKSPLEMGVVNPT 393  
 Db 408 YSMPPVIVKVRPFPFHMIYETSGMULFLGRVNVNP 442

RESULT 15  
 US-09-989-732-410  
 Sequence 410, Application US/09989732  
 Patent No. US0002012343A1.  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Ne poleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J. Christopher  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Klijaviv, Ivar J.  
 APPLICANT: Naylor, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paon, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zham, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ACIDS Encoding the Same  
 FILE REFERENCE: P2730P1C57  
 CURRENT APPLICATION NUMBER: US/09/989,732  
 CURRENT FILING DATE: 2001-11-19  
 PRIOR APPLICATION NUMBER: 60/049787  
 PRIOR FILING DATE: 1997-06-16  
 PRIOR APPLICATION NUMBER: 60/062250  
 PRIOR FILING DATE: 1997-10-17  
 PRIOR APPLICATION NUMBER: 60/065186  
 PRIOR FILING DATE: 1997-11-12  
 PRIOR APPLICATION NUMBER: 60/065311  
 PRIOR FILING DATE: 1997-11-13  
 PRIOR APPLICATION NUMBER: 60/066770  
 PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/087607  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087609  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087759  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-03  
PRIOR APPLICATION NUMBER: 60/088021  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088025  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088028  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088029  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088030  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088033  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088326  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088030  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088202  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088212  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088217  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088655  
PRIOR FILING DATE: 1998-06-09  
PRIOR APPLICATION NUMBER: 60/088734  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088838  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088855  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088824  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088826  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088861  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/088876  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089105  
PRIOR FILING DATE: 1998-06-12  
PRIOR APPLICATION NUMBER: 60/089440  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089512  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089514  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089538

```

; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match Score 544.5; DB 10; Length 444;
Best Local Similarity 32.4%; Pred. No. 7.1e-35;
Matches 128; Conservative 85; Mismatches 177; Indels 5; Caps 5;

Qy 2 EDPOGDAAQKTDTSHHHDQDHPTFNFNKTPNLAEPAFLYRQLAHQSNTNFFSPVSIATA 61
Db 50 EDEQEASEEKAGEEEKAWLMASRQLAKETENFGFSULRKISMRIDG-NMVFSPFGMSLA 108
Qy 62 FAMLSLGTKAQTHDETLLEGLNFN-N-LTEIPEAQIHEGFQELRLTINOPDSOLQLTIGNGLP 120
Db 109 MTGLMLGATGPETQIKRGHLHQALKPTPKGLPSSLFKGRETLSR-NLEGLSGGSFAP 167
Qy 121 LSEGGLKLVDKFLEDVKLYHSEAFTYNFGDTEEAKQINDYVEKGSTQKTVDLYKELDRD 180
Db 168 IHRDFDVYKETTFNLNSKYYFDTBCCVPNFRNQSQAKLNNHYINKTRGKPKLFDIINPC 227
Qy 181 TVFALVNKYIFFKGKWERPEYKDTDEEDFHVQDQVTTVKPMMKLGMENTQHCKKLSSWV 240
Db 228 TKLILVDYLFGKWLTPDPVFTEVDTFHLDKTKPCKVPMYAGKFASTDKNRCHV 287
Qy 241 LMKYLGNATAFFLPDB-GKQHLENLTIDITKFLENDDRRSASLHJPLKLSTGTYD 299
Db 288 LKLPYQGNATMLVVLMEKMGDHIALEDYLTDLVEWLRNMKTRMEVFPKFKDQKYE 347
Qy 300 LKSVLGOLGJITKVFSNGADLSGVTEEA-PKLSKAYHKAVLTIDEKGTEAAGMLEAIP 358
Db 348 MHELLRONGIRRFSPPADLSSEAAGRNLQSVRURRTIVEVDERGTEAVAGILEITA 407
Qy 359 MSLPPEYKFKNPFPVFLMENQTKSPLFPMGKVYNPT 393
Db 408 YSNAPPVIVKDRPFHMITYETSGMLLFLGRVYNPT 442

```

Search completed: November 30, 2002, 12:38:52  
 Job time : 10 secs

